

USE TYPEWRITER

HISTORY OF WELL
AT TIME OF COMPLETION

LEASE No. M. Fed. "I" WELL NO. 5
SEC 14 T29N R14W COUNTY San Juan
STATE New Mexico FIELD Totah Gallup
A.P.E. NO. 10-768

ALL DEPTHS FROM TOP OF BELL BUSHING UNLESS OTHERWISE SPECIFIED

- 12-19-61 5100' Gallup, 330' FML & 2510' FML of Sec. 14-T29N-R14W, San Juan Co, Younger Constr. Co, Prep loc, will MI Gilbert Drlg. Co. spudder to set surf cas.
- 12-20-61 MI Gilbert Drlg. Co. spudder, will spud 12 1/2" hole today.
- 12-21-61 Spud 12 1/2" hole at 2: PM 12-20-61, drlg at 45', made 45'.
- 12-22-61 Drlg at 150', made 105', losing wtr.
- 12-23, 24, 25, 26-61 Drlg at 270', SD 42 hrs.
- 12-27-61 Drlg at 295', made 25'.
- 12-28-61 Drlg at 395', made 100'.
- 12-29-61 CTD 426, ran 8-5/8" 2 1/2" J-55 csg to 413 G1 or 425' KB with 200 ex reg cem with 2% CaCl2 plus 1/4" Cello-Flake and 1/4" Tuff Plug per sk, followed with 150 ex reg cem with 2% CaCl2, used 3 cent, cire 40 ex to surf, PD 5:15 AM 12-29-61, release Gilbert Drlg. Co. Spudder, WOC.
- 12-30, 31-61 MI Brinkerhoff Drlg. Co. Rotary Rig, drlg rat hole at 12'in boulders, start drlg rat hole at 5:00 PM 12-31-61.
- 1-1, 2-62 Compl drlg rat hole & mouse hole at 6:00 AM 1-3-61, lost 75 bbl fluid in mouse hole at 20', prep to drill 7-7/8" hole below surf pipe.
- 1-3-62 Drlg at 1920, made 1495', bit #1 in at 425', bit #2, in at 1886, test surf csg to 1000' for 30 min, held OK, dev 1 deg 850', 3/4 deg at 1886.
- 1-5-62 Drlg at 2903', made 983', bit #3 in at 2394, dev 1 deg at 2394.
- 1-6, 7, 8-62 Drlg at 4616, made 926' in 48 hrs, dev 1 1/2 deg at 4491, mud up at 3700', wt 9.14 vis 45, wl 7.
- 1-9-62 Drlg at 5060, made 444', dev 3/4 deg at 4733', wt 9.34, vis 48, wl 6.8.
- 1-10-62 Coring at 5150', made 90', 70' drlg, 20' coring, core #1 start at 5130', lost 75 bbl mud at 5097', regained full cire, wt 9.3, vis 50, wl 6.
- 1-11-62 Running QB-Sonic log at RTD 5282, made 132', 30' coring 102' drilling, core #1 5130-5180', rec 50', 30' shale, 10' hard tight, shaly ss, odor, no fractures, ran Sch ILS, core analysis indicates perm between 0.01 and 0.09 and porosity between 1.1 and 7.7%.
- 1-12-62 RTD 5282, on bottom with DST #2 5070-5282, DST #1 5081-5282, pkr seat failed, pull tool condition hole.
- 1-13, 14, 15-62 Prep to P & A at RTD 5282 on 1-15-62, DST #2 5070-5282, open 1 hr, rec 930' drlg mud, 1383' drlg mud est 1% oil cut, IHP 2625#, FHP 2588#, IF 832#, FF 1232#, ISIP/1 hr/2400#, FSIP/2048#, DST #3 5134-5282, open 3 hrs & 50 min, rec 210' drlg mud, no show, IHP 2660#, FHP 2660#, IF 155#, FF 250#, ISIP/1 hr/2505, FSIP/1 hr/405#, DST #4 5070-5282, open 3 hrs and 45 min, run swab, fluid at 1700', swab drlg mud to 4800', wait 1 hr, fluid level 4500', swab drlg mud filtrate to 4800', no show, wait 1 hr, fluid level 4700', swab to 4800' drlg mud filtrate, no show, IHP 2525#, FHP 2515#, IF 1150#, FF 1745#, ISIP 2160#, FSIP 180#, rec 370' drlg mud filtrate, no show, set 1st open hole plug 5050' to 5200' with 50 ex cmt, 2nd plug 3750-3850 with 35 ex cmt, 3rd plug 950-1050 with 35 ex, 4th plug 350-450 with 35 ex, will release Brinkerhoff Drlg. Co. Rotary Rig and set dry hole marker in top of surf pipe, well complete, P & A 1-15-62.

LOG TOPS:

1030' - Pictured Cliffs 1633' - Mesa Verde
3515' - Point Lookout 3823' - Manos
4772' - Gallup

CORRECT

ENGINEER

APPROVED

E. D. Lamy

SUPERINTENDENT